

ABSTRACT OF THE DISCLOSURE

The elevator performance meter is an embedded processor device specifically designed to measure the variations in velocity, acceleration, jerk and run duration as an elevator ascends and descends along a vertical axis. The performance meter utilizes an internal processor that is directly connected to a sensor via an analog to digital conversion unit, a program storage device, a display, a keypad, and power subsystems that are all contained within a single enclosure. The performance meter includes a display screen on its top surface with a keyboard for entering in operator menu selections. The performance meter is placed on the floor of an elevator and the embedded sensor measures certain physical properties of the elevator as it makes a floor-to-floor run. The measurement data is presented on the internal display as an alphanumeric readout that allows an elevator's performance to be easily defined.